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[Ao-Jan Su, Aleksandar Kuzmanovic](#)

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Publisher: ACM [Request Permissions](#)

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Global-scale Content Distribution Networks (CDNs), such as Akamai, consist of servers worldwide providing a highly reliable service to their customers. The reliability has been one of the main design goals for such systems - they are

Keywords: akamai, cdn, denial of service, streaming

2 [Securing media for adaptive streaming](#)
[Chitra Venkatramani, Peter Westerink, Olivier Verscheure, Pascal Frossard](#)

 November 2003 **MULTIMEDIA '03**: Proceedings of the eleventh ACM international conference on Multimedia

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This paper describes the ARMS system which enables secure and adaptive streaming to a large-scale, heterogeneous client population. The secure algorithms ensure end-to-end security while the content is adapted and intermediate, ...

Keywords: MPEG-4, adaptive, encrypted, scalability, streaming, video

3 [ARMS: adaptive rich media secure streaming](#)
[Lisa Amini, Raymond Rose, Chitra Venkatramani, Olivier Verscheure, Peter Frossard](#)

 November 2003 **MULTIMEDIA '03**: Proceedings of the eleventh ACM international conference on Multimedia

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In this demonstration we present the ARMS system which enables secure rich media streaming to a large-scale, heterogeneous client population. dynamically adapts streams to available bandwidth, client capabilities, p

Keywords: MPEG-4, adaptive, encrypted, scalability, streaming, video

4 [Proceeding of the 16th ACM international conference on Multimedia](#)

 [Abdulmotaleb EL Saddik](#), [Son Vuong](#), [Carsten Griwodz](#), [Alberto Del Bimbo](#), [Alejandro Jaimes](#)

October 2008 **MM '08**: Proceeding of the 16th ACM international conference


Publisher: ACM

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citati

Welcome to the sixteenth ACM International Conference on Multimedia held October 27-31, 2008 at the Pan Pacific Hotel in Vancouver, BC, Canada situated on Canada's east coast, enjoys a milder climate than much of C

5 [Challenges, design and analysis of a large-scale p2p-vod system](#)

 [Yan Huang](#), [Tom Z.J. Fu](#), [Dah-Ming Chiu](#), [John C.S. Lui](#), [Cheng Huang](#)

August 2008 **SIGCOMM '08**: Proceedings of the ACM SIGCOMM 2008 conference on communication

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Bibliometrics: Downloads (6 Weeks): 79, Downloads (12 Months): 678, Citati


P2P file downloading and streaming have already become very popular applications. These systems dramatically reduce the server loading, and platform for scalable content distribution, as long as there is interest for based ...

Keywords: content distribution, peer-to-peer/overlay networks, video-

Also published in:

October 2008 **SIGCOMM Computer Communication Review** Volume 38 Issue

6 [Improving VoD server efficiency with bittorrent](#)

 [Yung Ryn Choe](#), [Derek L. Schuff](#), [Jagadeesh M. Dyaberi](#), [Vijay S. Pai](#)

September 2007 **MULTIMEDIA '07**: Proceedings of the 15th international conference on Multimedia

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Full text available:  Pdf (406.55 KB) Additional Information: [full citation](#), [abstract](#), [referer](#)

Bibliometrics: Downloads (6 Weeks): 18, Downloads (12 Months): 208, Citati

This paper presents and evaluates Toast, a scalable Video-on-Demand (VoD) system that combines the popular BitTorrent peer-to-peer (P2P) file-trar with a simple dedicated streaming server to decrease server load and ir

Keywords: BitTorrent, experimental systems, multimedia streaming, p video-on-demand

7 LPTV distribution network access system using WiMAX and WLAN t

 Miguel Garcia, Jaime Lloret, Miguel Edo, Raquel Lacuesta
June 2009 **UPGRADE-CN '09**: Proceedings of the 4th edition of the UPGRA
on Use of P2P, GRID and agents for the development of content

Publisher: ACM  [Request Permissions](#)


Full text available:  Pdf (931.28 KB) Additional Information: [full citation](#), [abstract](#), [referer](#)

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 13, Citator

The mobility and ubiquity for any type of device to access the IPTV netw
supplied by the service provider. The minimum bandwidth required in th
to provide IPTV services jointly with the necessity to guarantee the Qua

Keywords: distribution network access, iptv, wimax, wlan

8 Is high-quality vod feasible using P2P swarming?

 Siddhartha Annapureddy, Saikat Guha, Christos Gkantsidis, Dinan Gunawa
Rodriguez Rodriguez

May 2007 **WWW '07**: Proceedings of the 16th international conference on

Publisher: ACM


Full text available:  Pdf (1.34 MB) Additional Information: [full citation](#), [abstract](#), [referer](#)

Bibliometrics: Downloads (6 Weeks): 20, Downloads (12 Months): 199, Citatic

Peer-to-peer technologies are increasingly becoming the medium of cho
delivering media content, both professional and home-grown, to large us
Indeed, current P2P *swarming* systems have been shown to be very effi
scale ...

Keywords: content distribution, network coding, overlays, peer-to-pee
management, video streaming

9 Developing a functional Tcp/Ip stack oriented towards Tcp connectio

 Javier Paris, Alberto Valderruten, Victor M. Gulias
October 2005 **LANC '05**: Proceedings of the 3rd international IFIP/ACM Lati
conference on Networking


Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (463.91 KB) Additional Information: [full citation](#), [abstract](#), [referer](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 25, Citation

Functional languages are not often associated with the development of l
mainly due to the lower performance and lack of support for system pro
more conventional languages such as C. However, there are functional l

10 Proceedings of the 15th international conference on Multimedia

 Rainer Lienhart, Anand R. Prasad, Alan Hanjalic, Sunghyun Choi, Brian Ball
September 2007 **MULTIMEDIA '07**: Proceedings of the 15th international c

Multimedia

Publisher: ACMAdditional Information: [full citation](#), [abstract](#)**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citations: n/a

Welcome to the Fifteenth ACM International Conference on Multimedia (held September 24-29, 2007 at University of Augsburg in the beautiful city of Augsburg, Bavaria, Germany. The city was founded 15 BC in the reign of Augustus.)

11 [Proceedings of the international workshop on Educational multimedia education](#)



Gerald Friedland, Wolfgang Hürst, Lars Knipping, Max Mühlhäuser

September 2007 **Emme '07**: Proceedings of the international workshop on Educational multimedia and multimedia education**Publisher:** ACMAdditional Information: [full citation](#), [abstract](#)**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citations: n/a

Advances in multimedia capture, analysis and delivery, combined with the advent of broadband communication, have resulted in multimedia systems that challenge traditional forms of education. Research in these areas has achieved important results.

12 [Proceedings of the international workshop on Human-centered multimedia](#)



Alejandro Jaimes, Nicu Sebe

September 2007 **HCM '07**: Proceedings of the international workshop on Human-centered multimedia**Publisher:** ACMAdditional Information: [full citation](#), [abstract](#)**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citations: n/a

It is our great pleasure to welcome you to the *2nd ACM International Workshop on Human-centered Multimedia -- HCM'07*. This year's workshop continues being the premier forum for presentation of research results and experiences.

13 [Proceedings of the international workshop on Workshop on multimedia information retrieval](#)



James Z. Wang, Nozha Boujemaa, Alberto Del Bimbo, Jia Li

September 2007 **MIR '07**: Proceedings of the international workshop on Workshop on multimedia information retrieval**Publisher:** ACMAdditional Information: [full citation](#), [abstract](#)**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citations: n/a

It is our great pleasure to welcome you to the *9th ACM SIG Multimedia Workshop on Multimedia Information Retrieval -- MIR'07*. Like in the past, this workshop is held in conjunction with the ACM Multimedia Conference. C

14 [Proceedings of the international workshop on Workshop on mobile video](#)



Eckehard Steinbach, Chang Wen Chen

September 2007 **MV '07**: Proceedings of the international workshop on Workshop on mobile video**Publisher:** ACM

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citations: n/a

It is our great pleasure to welcome you to the *1st ACM Workshop on Multimedia Semantics* which is held in conjunction with ACM Multimedia 2007 in the beautiful city of Augsburg. The intention of this workshop is to establish a premium forum for the exchange of ideas and experiences in the field of multimedia semantics.

15 [Workshop on multimedia information retrieval on The many faces of semantics](#)



Farshad Fotouhi, William Grosky, Peter Stanchev

September 2007 **MS '07: Workshop on multimedia information retrieval on multimedia semantics**

Publisher: ACM

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citations: n/a

It is our great pleasure to welcome you to the *First ACM Workshop on Multimedia Semantics -- MS'07*. This symposium is the incarnation of the first workshop on Multimedia Semantics, organized by us, and held in Sofia (Bulgaria), in September 2007.

16 [Proceedings of the international workshop on TRECVID video summarization](#)



Paul Over, Alan F. Smeaton

September 2007 **TVS '07: Proceedings of the international workshop on TRECVID video summarization**

Publisher: ACM

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citations: n/a

It is our great pleasure to welcome you to the first TRECVID Video Summarization workshop, held in conjunction with ACM Multimedia 2007. Although this TRECVID summarization workshop, it is only the next in an annual series of workshops on video summarization.

17 [Poor performance: is it the application or the network?](#)



Susan McGill

March 2006 **ACM-SE 44: Proceedings of the 44th annual Southeast regional conference**

Publisher: ACM [Request Permissions](#)

Full text available: [PDF](#) (273.95 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 22, Downloads (12 Months): 80, Citations: 1


As more networked applications are deployed it becomes harder to detect and diagnose poor performance since complex interactions, multidisciplinary in nature, exist between the application and the network across several areas of responsibility. This paper discusses the challenges faced by network developers and presents a framework for addressing these challenges.

Keywords: generation of 3D virtual environment, immersive virtual reality, simulation, quality of experience, team training

18 [From voice-band modems to DSL technologies](#)

September 2001 **International Journal of Network Management**, Volume 1, Number 3

Publisher: John Wiley & Sons, Inc.

Full text available:  Pdf (170.80 KB) Additional Information: [full citation](#), [abstract](#), [referer](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 41, Citation

This paper provides an overview of the evolution of digital transmission access network from voice-band modems to Digital Subscriber Line (DSL). The various types of DSL technology are described. Copyright © 2001 J

19 [Transport capacity for a catch-up television service](#)

 Danny De Vleeschauwer, Zlatka Avramova, Sabine Wittevrongel, Herwig B. June 2009 **EuroITV '09**: Proceedings of the seventh european conference on interactive television conference

Publisher: ACM  [Request Permissions](#)


Full text available:  Pdf (733.79 KB) Additional Information: [full citation](#), [abstract](#), [referer](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 6, Citation C

One of the biggest advantages of interactive television (TV) is that it allows users to watch the content at his or her most convenient time, either by pausing broadcast or by selecting to view the content at a time later than the original broadcast.

Keywords: caching, catch-up tv, iptv, on-demand services

20 [802.11n: the new wave in WLAN technology](#)

 Abdulrahman Yarali, Babak Ahsant September 2007 **Mobility '07**: Proceedings of the 4th international conference on technology, applications, and systems and the 1st international conference on Computer human interaction in mobile technology

Publisher: ACM

Full text available:  Pdf (166.62 KB) Additional Information: [full citation](#), [abstract](#), [referer](#)

Bibliometrics: Downloads (6 Weeks): 22, Downloads (12 Months): 385, Citation C

This paper presents an overview of the new IEEE 802.11n standard which is a new wireless LAN standard based on MIMO-OFDM (Multiple Input Multiple Output Frequency Division Multiplexing). The Paper describes how MIMO-OFDM delivers ...

Keywords: 80211.n, DS-UWB, MIMO, OFDM, WLAN, integration, last n mobility

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